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Making sense of the world

THE BEST MAGAZINE FOR CURIOUS KIDS






THE WEEK

Junior

THE AMAZING AMAZON

Find out about the world's largest rainforest—and what's being done to protect it **p12**

- DID YOU KNOW?**
- The Amazon rainforest is located in South America.
 - It spans 2.3 million square miles, mostly in Brazil.
 - About 10% of all known species on Earth live there.



Animals of the Amazon
 Clockwise from top left: squirrel monkey, blue morpho butterfly, jaguar, poison dart frog, scarlet macaws



This week's big news



George Mitchell's role



George Mitchell was a US senator from 1980 to 1995. In 1995, President Bill Clinton appointed him to lead peace talks in Northern Ireland. For 18 months, Mitchell guided participants toward a compromise. He has been called "indispensable" in reaching the Good Friday Agreement that ended the conflict.

Biden visits Northern Ireland and Ireland

President Joe Biden is making his first visit as President to Northern Ireland, which is part of the UK, and to Ireland. In Northern Ireland, he is marking the 25th anniversary of an important peace accord. In Ireland, he will visit the capital city of Dublin and his family's ancestral homes.

What happened?

On April 11, Biden arrived in Belfast, Northern Ireland. He is the first US President to visit Belfast in nearly 10 years. He praised the Good Friday Agreement, the peace pact that was signed in Belfast in 1998. It ended 30 years of conflict in Northern Ireland that led to the deaths of about 3,500 people. The US advocated for the peace pact, and President Bill Clinton encouraged leaders to sign it.

What was the conflict?

Dating back to the 1100s, the island nation of Ireland was controlled by England, which later became part of the UK. British rule was at times devastating, including in the 1840s, when an extreme lack of food referred to as the Irish Potato Famine caused the population to drop by 2 million. Many people died of starvation and disease, and others began emigrating to the US. Ireland gained its independence from the UK in 1922. But Northern

Ireland, made up of six counties on the northeast part of the island, remained under UK rule. Starting in the 1960s, violence broke out in a conflict known as the Troubles. The fighting was primarily between two parties, the unionists and the nationalists. Unionists wanted Northern Ireland to remain part of the UK and they mostly identified with the Protestant religion. Nationalists wanted Northern Ireland to become part of Ireland and they mostly identified with the Catholic religion.

What was the Good Friday Agreement?

Signed on April 10, 1998, the Good Friday Agreement was a peace deal reached by the British and Irish governments, along with eight parties representing various groups in Northern Ireland. The deal gave Northern Ireland its own political body, the Northern Ireland Assembly, made up of unionists and nationalists. It created the British Irish Council, a platform to improve relations between Ireland and the UK. The deal also stated

that Northern Ireland could leave the UK and join Ireland if the majority of people on both sides voted in favor of the move. Military groups that had carried out the fighting were ordered to destroy their weapons, and prisoners being

held for crimes related to the Troubles were released. Peace has mostly held ever since. Some groups in Northern Ireland, however, have recently begun pushing to break away from the UK and have threatened violence.

How was Biden received?

Biden was welcomed warmly as a US President with Irish roots. "The involvement of the United States and President Biden personally has been essential to the peace process in Ireland," said Leo Varadkar, who is the Taoiseach (a head leader) of Ireland. Rishi Sunak, the UK prime minister (similar to a President), said it was important to celebrate the Good Friday Agreement and "those who took difficult decisions, accepted compromise, and showed leadership" during the process.

What will happen next?

When *The Week Junior* went to press, Biden was expected to next travel south to Ireland and address the country's lawmakers. He was then set to visit County Louth and County Mayo, two areas in Ireland where his relatives are from. In County Louth, he will visit the Cooley Peninsula, and in County Mayo, he will attend a festival. Biden's relatives in Ireland expressed excitement over his visit. "His Irish roots are really deep in his heart," Joe Blewitt, who lives in County Mayo and is Biden's distant cousin, told *The New York Times*.





Leader delivers final speech

Jacinda Ardern gave her final speech to New Zealand's parliament (similar to Congress) on April 5. Ardern shocked the world by stepping down as prime minister (similar to a President) in January after serving in the role for six years.

Ardern was elected in 2017 at age 37, making her the youngest prime minister of New Zealand in more than 150 years and the world's youngest female head of government at the time. In office, she led the country through a volcanic eruption and the Covid-19 pandemic. When explaining her decision to leave office, she said she no longer had enough energy to meet the demands of the role.

She will next work for the Earthshot Prize, a program founded by the UK's Prince William to fund environmental projects. Chris Hipkins became New Zealand's prime minister in January, while Ardern remained a lawmaker until April 5.

In her speech, Ardern said she hoped kindness would be her legacy. "You can be...a nerd, a crier, a hugger, you can be all of these things and not only can you be here, you can lead just like me," she said.



Jacinda Ardern



A train in Berlin, Germany

SHARING RIDES

Americans take about 9.9 billion trips a year on public transportation.

Top cities for public transit named

Berlin, Germany, has been named the world's best city for public transit by Time Out, a company that publishes global city guides. Buses, subways, trains, trams, and ferries are all forms of public transit, which can help residents travel from place to place, decrease car traffic and air pollution, and make it easy for visitors to explore a city.

Time Out surveyed more than 20,000 people across the world to find out which cities had public transportation systems that were convenient, fast, and clean. It asked survey respondents questions such as, "Is it easy to get around your city by public transport?" In 19 cities, at least 80% of residents gave positive responses about their experiences using their local public transit network.

Berlin topped the list, with 97% of respondents praising the city's mass transit system for being

safe, reliable, and comfortable. A network of buses and trains helps people move efficiently between hundreds of the city's stations and sites. Prague, in the Czech Republic, and Tokyo, Japan, took second and third place.

Stockholm, Sweden, in fifth place, was praised for having beautiful subway trains and stations. Singapore came in sixth and was cited for making its buses accessible to wheelchairs and strollers.

Nine of the top 19 cities were in Europe, where the European Union (a group of 27 nations) has encouraged cities to reduce the use of cars as part of its goals to help the environment. Seven cities were in Asia, including Shanghai, China, in ninth place, and Mumbai, India, in 19th. Two US cities also made the list. New York City came in 15th place, while Chicago, Illinois, was ranked 17th.



IT'S AN AMAZING WEEK FOR...

SWEET SIPS

Boba or bubble tea, a Taiwanese beverage with chewy tapioca pearls, is surging in popularity across the world and the US. The pearls are the top US food import from Taiwan, data shows. The tea is "really everywhere now," one expert said.



Boba teas



The Clarks

GIRL POWER

The birth of Audrey Clark was a gift to her relatives in more ways than one. The newborn is the first girl to be born into the Clark family since 1885. Her dad, Andrew, comes from a long line of men with no daughters. Audrey's mom, Carolyn, said, "We're so happy that she's finally here."

A MAGICAL BIRTHDAY

Dee Kolafa attended Disneyland's opening day in 1955. Nearly 70 years later, she celebrated her 100th birthday in the same place. Her family brought her to the theme park, where she was a guest of the Disney company and rode her favorite rides. "I have come so many times, and I've loved it every time," she said.



Dee Kolafa and Mickey Mouse



Tennessee fact file



- **CAPITAL:** Nashville
- **POPULATION:** 7.05 million
- **NICKNAME:** Volunteer State
- **HISTORY:** Joined the US in 1796 as the 16th state
- **GEOGRAPHY:** Borders eight states and the Mississippi River, with mountains in the east and river delta in the west
- **ECONOMY:** Farming, forestry, manufacturing, mining

HOME STATE
Three US Presidents were from Tennessee: Andrew Jackson, James Knox Polk, and Andrew Johnson.

From left: Justin Pearson, Gloria Johnson, and Justin Jones

Tennessee lawmakers expelled after protest

On April 6, two lawmakers were expelled from Tennessee's House of Representatives (one half of the state legislature, which makes laws) for participating in a gun safety protest. The expulsion of lawmakers is very rare. After a nationwide uproar, one of the lawmakers was reinstated.

What happened?

The House voted to remove representatives Justin Jones and Justin Pearson. An attempt to expel a third lawmaker, Gloria Johnson, fell one vote short. All three are Democrats in a state legislature controlled by Republicans. The House has 99 members, and 66 votes are required to expel a representative. Jones, a community organizer from Nashville who has protested racial injustice in the past, was expelled by a

72–25 vote. Pearson, of Memphis, previously led efforts to stop an oil pipeline project in South Memphis and was removed by a 69–26 vote.

Why were the lawmakers expelled?

On March 30, the three representatives chanted "No action, no peace" with a megaphone on the House floor. Three days earlier, there had been a shooting at the Covenant School in Nashville that resulted in the deaths of three children and three staff members. In response, hundreds of students, parents, and teachers marched to the state Capitol to demand stronger laws to regulate guns. The leader of the House, Cameron Sexton, called the three lawmakers' participation in that protest "unacceptable" and said it violated House rules of behavior and procedure.

How was one lawmaker reinstated?

On April 10, the Nashville Metropolitan Council, which oversees Justin Jones' district, voted unanimously (all in favor) to reappoint him to his position. He was then sworn in as an interim (temporary) representative on the steps of the Capitol. "To the people of Tennessee, we stand with you," Jones said. "No expulsion, no attempt to silence us will stop us."

What will happen next?

As *The Week Junior* went to press on April 11, the county commission for Justin Pearson's district was considering reappointing him to his seat. Both lawmakers may need to run for their position again in a special election. Regardless, both can run in the next general election in November 2024.



WORD OF THE WEEK

RAINFOREST

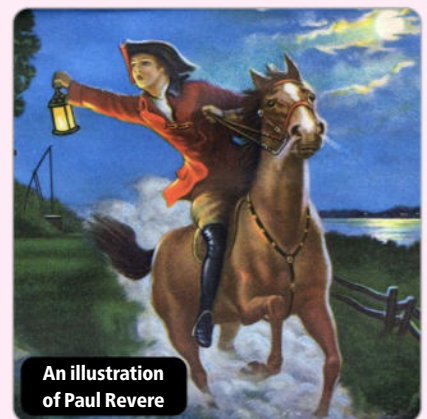
A rainforest is a rich, dense forest found in tropical areas with heavy rainfall. The word "forest" originated from the Latin *forestis silva*, meaning "wood outside," a combination of *foris* ("out of doors") and *silva* (a "wood"). *Silva* was later dropped and "forest" became the English word. It's also related to "foreign," which refers to something or someone from "outside" a country.

THE WEEK IN HISTORY

April 18, 1775

Paul Revere makes famous ride

On April 18, 1775, a Boston silversmith named Paul Revere made his famous ride from Boston to Lexington, Massachusetts, to warn John Hancock and Samuel Adams that the British were coming to arrest them. Revere woke colonists along the way who were ready to fight the British. The next day, the Battle of Lexington and Concord began the Revolutionary War (1775–1783).



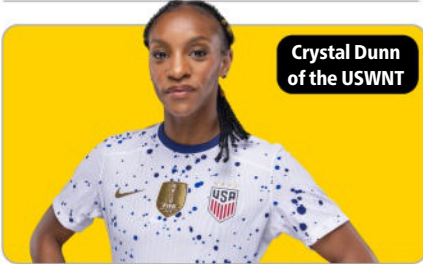
An illustration of Paul Revere



**A beach
in Hawaii**

Long life expectancy in Hawaii

Hawaii has the highest life expectancy (number of years a person can expect to live) of any state in the US, according to a new analysis by Life Extension, a wellness company. Hawaii residents are expected to live an average of 80.7 years (three years longer than the national average) due to factors such as eating a healthy diet, exercising, and having parks nearby. Other states in the top five are Minnesota, Vermont, Washington, and New Hampshire.



**Crystal Dunn
of the USWNT**

New soccer uniforms revealed

The US Women's National Team (USWNT) unveiled new soccer uniforms on April 8 during a two-game series against Ireland. The uniforms for the team's home games feature a white jersey with a blue "drip paint" pattern. The away uniforms feature a solid blue jersey with red trim. Both will be worn during the 2023 FIFA Women's World Cup.



A Metro station

Raising awareness about autism

Metro, the Washington, DC, transit system, invited 26 young people with autism to record boarding and safety announcements for Autism Acceptance Month in April. Autism is a developmental disorder that refers to a broad range of conditions. Metro worked with the Autism Transit Project, which recognizes the bond that many young people with autism have with trains.



**A coin from
Greece dating
to 42 BCE**

**DID YOU
KNOW?**

The Metropolitan Museum of Art was founded in 1870 and had nearly 2 million visitors in 2021.

Artifacts returned to Turkey and Greece

More than 40 artifacts worth at least \$50 million have been returned to Turkey and Greece from the Metropolitan Museum of Art, a prominent New York City museum known as the Met. Manhattan District Attorney (DA) Alvin Bragg, whose office identified and confiscated (seized) the antiquities, announced their return.

The DA's office held a ceremony in March marking the handover of 12 Turkish artifacts worth \$33 million. The most important is a headless bronze statue, believed to represent the Roman emperor Setimius Severus, which was likely looted (stolen) from an archaeological site in southwest Turkey in the 1960s. A separate ceremony was held to return 29 Greek artifacts, valued at more than \$20 million, including one of three known coins created in 42 BCE to commemorate the murder of Roman emperor Julius Caesar.

In the 1900s, ancient artifacts were often stolen and then sold to museums around the world. In recent years, law enforcement officials have tracked down thousands of stolen objects in an effort to return them to their rightful owners. An Antiquities Trafficking Unit set up in New York City in 2017 has confiscated almost

4,500 artifacts from 28 countries.

Ancient objects are essential for helping nations of origin tell the story of their past. "These pieces, dating to as early as 5,600 BCE, represent immense cultural and historical significance," said special agent Ivan J. Arvelo, referring to the returned Turkish items.

Turkish officials expressed gratitude. "I welcome and appreciate the level of cooperation," said Reyhan Özgür, the Turkish consul general (diplomat). The Met also released a statement saying it would continue its efforts to return looted property.



**A sculpture from Turkey
dating to 280 BCE**

THE WEEK'S SILLIEST HEADLINE

"Escaped cow spends hours wandering tennis court" UPI





Around the world



**Jerusalem,
Israel's capital**



Jerusalem, Israel Calls for calm as violence escalates

Josep Borrell from the European Union (a group of 27 nations, mostly in Europe, that work and trade together) has called for calm after violent acts were committed by Israelis and Palestinians in Jerusalem. Important holidays observed by Muslims (Ramadan), Jewish people (Passover), and Christians (Easter) fall around the same time, and tensions have risen among the different religious groups.

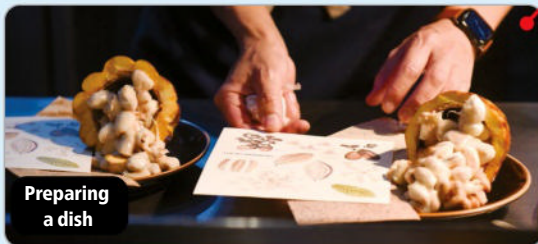


Alain Capo



Ivory Coast Smartphone inventor wins award

An inventor from Ivory Coast has won the World Literacy Award 2023, which celebrates people and organizations that promote reading and writing. Alain Capo designed a smartphone that allows people to communicate through voice prompts in at least 16 languages spoken in Ivory Coast, even if they can't read or write. Capo said he hopes to see more people gain access to education and literacy.



**Preparing
a dish**



Bolivia Chefs celebrate Amazon cooking

Restaurants in La Paz, Bolivia's capital, are paying tribute to the flavors of the Amazon rainforest and raising awareness of the region's unusual foods. At Gustu, options from chefs Marsia Taha and Virgilio Martinez include chili made with worms and tree bark that tastes like garlic. They worked with nearly 200 communities to bring more than 600 ingredients to the menu.



United Kingdom Crown emoji released

Buckingham Palace released a new Twitter emoji of the crown that King Charles III will be wearing at his coronation (ceremony to crown a king or queen) on May 6. Called the St. Edward's Crown, it dates back to 1661. The crown was last worn by Charles' mother, Queen Elizabeth II, at her coronation in 1953.



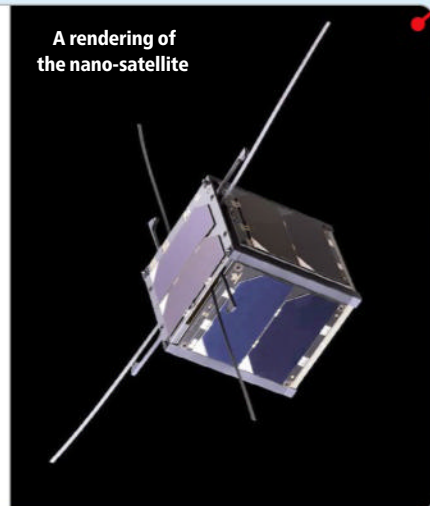
**King Charles III
and the emoji**



Kenya Satellite to launch

Kenya is planning to launch its first Earth observation satellite into space on April 12. Taifa-1, meaning "one nation" in Swahili (Kenya's national language), was designed by Kenyan engineers. It will collect images of Earth from space, which will help the country manage its environment and farming. In 2018, Kenya launched an experimental nano-satellite (tiny satellite) from the International Space Station.

**A rendering of
the nano-satellite**



SHUTTERSTOCK; PAI IMAGES; ALAMY (3); GETTY IMAGES (4); UNIVERSITY OF NAIROBI/UNIVERSITY OF
ROME/REUTERS; ROBERT TIMOTHY/REUTERS

Around the world

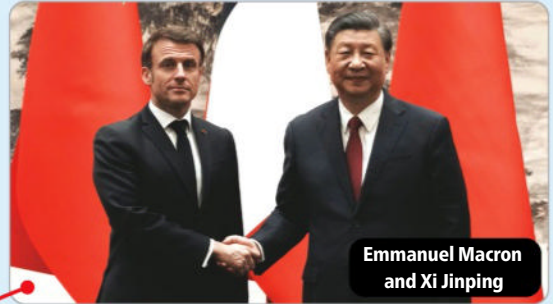


A presenter on the show



Afghanistan New way to help kids learn

An educational TV program for kids ages 11 to 16 has been launched to help those who have been prevented from attending school by the Taliban (a military and political group with extreme views). The BBC's *Dars* show (meaning "lesson" in Afghanistan's official languages, Pashto and Dari) will include math, history, and science.



Emmanuel Macron and Xi Jinping



Beijing, China Macron visits China to promote peace

During a visit to China, French president Emmanuel Macron asked the nation's president, Xi Jinping, to help bring an end to the war in Ukraine. China has continued a friendly relationship with Russia since the country invaded Ukraine, which has frustrated leaders in Europe and the US. Macron told Xi, "I know I can count on you to bring Russia back to its senses." Experts said China showed no signs of complying with Macron's request.



A beach in Okinawa



Japan Star-shaped "sand" arrives on beaches

Visitors to three islands in Okinawa — Hatoma, Iriomote, and Taketomi — can feel rare star-shaped "sand" between their toes. Called *hoshizuna-no-hama* in Japanese, meaning "star sand beach," it is made up of small shells that once belonged to protozoa (tiny living things). During storms, the shells are loosened from the sea grass where they collect, then wash up on beaches.



The statue under construction



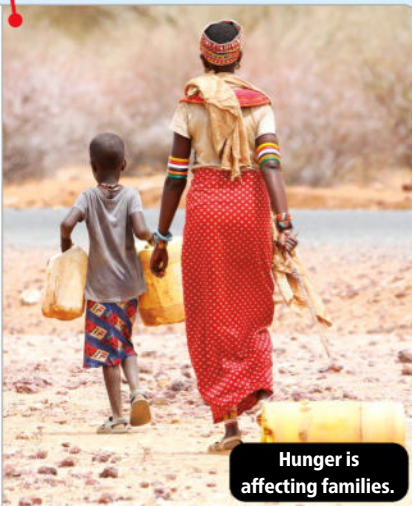
India Giant statue unveiled

A bronze statue measuring 125 feet tall has been revealed in Hyderabad, India. It depicts BR Ambedkar, who helped write India's constitution (a nation's principles for government), and was unveiled on his birthday. It reportedly cost nearly \$5 million to build and is one of several huge statues in India, including the world's tallest, at 597 feet high.



Somalia Hunger crisis

A report has revealed that 43,000 people have died as a result of Somalia's longest-ever drought (period without rain). After three very dry years in a row, many people have had to leave their homes and millions of farm animals have died. As a result, less food has been produced. At the same time, the cost of food has increased around the world. The result has been a severe hunger crisis in the nation.



Hunger is affecting families.



The big debate

Should chatbots be banned in school?

Some say the technology is helping kids learn, while others think it's a problem.

What you need to know

- A chatbot is a computer program that you can "talk" to. It responds in a natural, casual way, like a person.
- When asked a question, a chatbot searches the internet, gathers information, and provides an answer.
- Chatbots can talk about an endless number of topics. They can draft an essay about ancient Greece, write lyrics in the style of rock stars, or explain how to solve a math problem.
- In 2022, the global chatbot industry was worth nearly \$5 billion.

DID YOU KNOW?
The first chatbot, named Eliza, was created in 1966 at the Massachusetts Institute of Technology.



What can I help you with?

People can connect with chatbots by typing or talking on devices like phones and computers.

When ChatGPT, a chatbot, launched last year, it had more than a million users within a week—and was quickly banned in school districts across the US. The powerful technology uses artificial intelligence (AI, when a computer learns like a human) to help students research, write outlines, draft essays, and do homework. Parents, teachers, and administrators were concerned that students might turn in work done by a chatbot rather than do it themselves. But others think chatbots are a great learning tool and that students and teachers need to figure out how to use them responsibly. What do you think? Should chatbots be banned in school?

Yes—chatbots are unreliable

Getting help with schoolwork is great, but chatbots don't always use the most reliable sources or check for accuracy. Students might hand in classwork with false or incomplete information. What's worse, they wouldn't really be learning the material or using their own critical thinking skills to do the work. And if students rely too heavily on chatbots, it could be seen as cheating or plagiarizing. Teachers are too busy to check every assignment for signs that students used a chatbot. People say chatbots can help teachers by grading papers and tests quickly, but who wants their work graded by a machine instead of a human?

No—technology is the future

Technology is changing education, and ignoring or banning it won't stop that. Why not teach kids to use chatbots responsibly, like they use calculators or online dictionaries? Chatbots could serve as a starting point for learning by guiding research, teaching vocabulary, and helping students figure out the next step of a math problem. They could engage students in debates and let them practice public speaking and critical-thinking skills. Chatbots can give teachers a hand by creating tests, homework assignments, and lesson plans or even writing individual assignments for students learning at a different pace. Everybody wins.

YES

Three reasons why chatbots should be banned in school

- 1 Chatbots don't check their sources or verify facts. Students could be getting bad information and won't be learning.
- 2 Students who use chatbots could cheat or plagiarize, and teachers can't keep up.
- 3 Chatbots might be able to grade work faster, but they could make mistakes. It's better if a human reviews schoolwork.

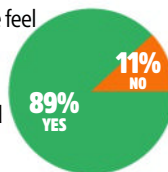
NO

Three reasons why chatbots should not be banned in school

- 1 Chatbots are here to stay, so students should learn to use them responsibly.
- 2 Chatbots can help students acquire and build many skills without replacing learning or doing the work for them.
- 3 Overworked teachers can use chatbots to write assignments and lesson plans tailored to each student.

LAST WEEK'S POLL

Last week, we asked you if baseball fans should keep home run balls. Most said yes, but some feel the player who hit the homer should get to keep it.



What do you think?

Now that you've read a bit more about this issue, visit kids.theweekjunior.com/polls so you can vote in our debate. Vote **YES** if you think chatbots should be banned in school or **NO** if you don't. We'll publish the results next week.

The goal of the big debate is to present two sides of an issue fairly in order to stimulate discussion and allow our readers to make up their minds. The views on this page do not reflect those of *The Week Junior*, and the page is not funded by third parties.



Designing for all

Sabrina Ionescu's line of athletic merchandise is making history.

Sabrina Ionescu, a star player in the Women's National Basketball Association (WNBA), has teamed up with Nike to create a signature sportswear collection that isn't gender-specific. This makes her the first women's basketball player to release a unisex collection with the athletic retail company.

Ionescu, age 25, entered the WNBA in 2020 as a guard for the New York Liberty. She got drafted as the first overall pick by the Liberty after excelling on the court at the University of Oregon. She has already had a notable career as a professional, earning a spot on the 2022 All-WNBA Second Team and setting a Liberty franchise record for the most assists in a single season.

A featured item in her new line is a sneaker titled the Sabrina 1, which she had

a major role in designing. Her personal slogan, "Anyone, Anywhere," is written on the shoe along with her initials, an uppercase "S" on the sneaker tongue and a lowercase "i" on the heel.

With her new line, she told the Andscape website, "I want kids and people of all age ranges, males and females, to be able to get this shoe and see themselves in it and the possibility of who you want to be." She wants little girls, in particular, to "have a dream and to do everything it takes for them to accomplish that," she told *People*.

Her collection also includes a hoodie, T-shirts, and shorts. Many of the items have patterns that pay tribute to art from Romania, the birthplace of her parents. In her interview with *People*, she called her heritage "the root of who I am."



The Sabrina 1



Sabrina Ionescu

Educator's new role

Jason Arday, age 37, was diagnosed with autism (a developmental disorder) as a child. He did not speak until age 11 and started reading and writing at age 18. Now he is the youngest Black professor ever appointed at the University of Cambridge in the UK, one of the world's oldest and most prestigious colleges. He teaches the sociology of education. Regarding his appointment, Arday said the best tools we have for inclusivity are "solidarity, understanding, and love."



Jason Arday

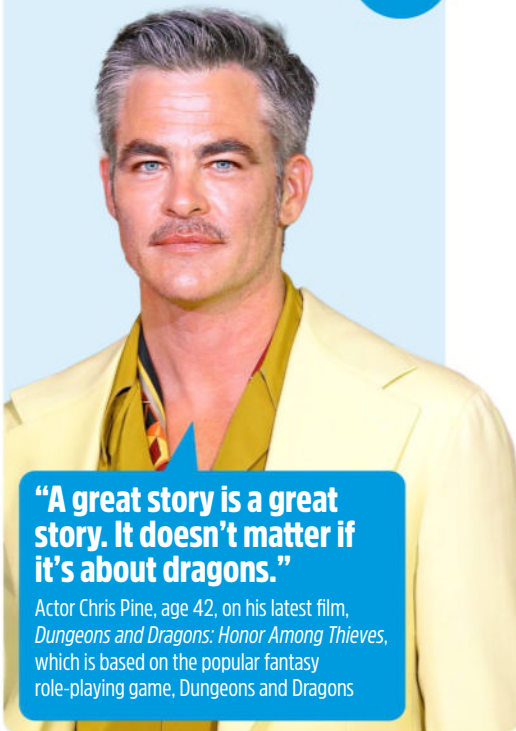


Mary J. Blige

Singer writes book

Music icon and actress Mary J. Blige, age 52, has written a picture book titled *Mary Can!* about a girl who proves anyone can make their dreams come true if they believe in themselves. The book was inspired by Blige's experience of having people tell her, while growing up, that her dreams were "too big, too bold, and too far out of reach." She didn't listen—and went on to achieve what she'd hoped and earn numerous top awards for her work. "I want kids to know that there are no limits to what they can accomplish," she told *People*.

OVERHEARD



"A great story is a great story. It doesn't matter if it's about dragons."

Actor Chris Pine, age 42, on his latest film, *Dungeons and Dragons: Honor Among Thieves*, which is based on the popular fantasy role-playing game, *Dungeons and Dragons*



Animals and the environment



HUNGRY GIANTS

Humpback whales can eat up to 3,000 pounds of food a day.

A Bryde's whale

Secrets of whale speech

Researchers found that toothed whales (a group that includes dolphins, orcas, and sperm whales) communicate by making sounds through their nose. They push air through structures in the nose called "phonic lips," which vibrate to make low clicking sounds, a moderate "speaking" voice, and high-pitched whistles.



An orca

Whale behavior inspired myths

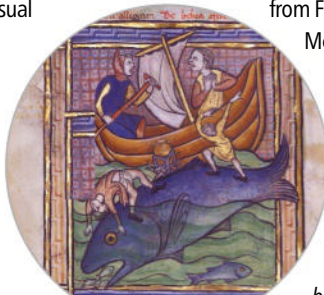
A new study shows that ancient myths (stories shared between people over many years) about sea monsters could have been inspired by real-life whales that used an unusual feeding technique.

In 2011, scientists first recorded the feeding technique being used by Bryde's whales in the Gulf of Thailand, and by humpback whales off the coast of Canada.

The whales had been spotted pointing their bodies upright in the water, with their mouths wide open, waiting for fish to swim directly in. This technique was given the name "trap feeding" or "tread-water feeding."

The similarities between this newly observed technique and those used by ancient sea monsters were spotted by Dr. John McCarthy from Flinders University in Australia.

McCarthy studies the history of human interactions with the sea, lakes, and rivers. While reading Norse myths linked to Vikings (seafaring people from Scandinavia, in Northern Europe), he learned about a sea monster they called the *hafgufa*. According to ancient stories, the *hafgufa* would open its mouth wide above the surface of the sea and then wait for fish to leap in, just as Bryde's and humpback whales do today.



An *aspidochelone* drawn in 1270

There have also been references to a similar creature, called an *aspidochelone*, in ancient Greek texts from 2,000 years ago. In these tales, it is said that the creature emitted a "good-smelling odor" from its mouth to attract fish toward it.

If whales have been using this feeding technique for 2,000 years, scientists aren't sure why it was first observed in 2011. It could be because modern technology, such as drones, has made whale observations easier or because their populations have grown in recent years.

Researcher Erin Sebo said the study will help scientists learn more about whales. She said, "It's exciting because the question of how long whales have used this technique is key to understanding a range of behavioral and even evolutionary questions."



PLACE OF THE WEEK

Bluestone National Scenic River, West Virginia

Located in the Southern Appalachian Mountains, this national park protects 10.5 miles of the 77-mile Bluestone River, which is named for the deep blue limestones in its riverbed. It winds through deep gorges and mountains covered with oak, hickory, birch, and sycamore trees. About 200 bird species have been seen in the park, including belted kingfishers, scarlet tanagers, and wild turkeys. The area also provides habitats for black bears, bobcats, opossums, and red-spotted newts. During summer and fall, rangers lead guided hikes along the river.



A Virginia opossum



DID YOU KNOW?

An elephant's trunk is incredibly sensitive. It has hundreds of thousands of nerves that send messages back to the brain.



An African elephant

Elephants remember familiar scents

Elephants are already known for having impressively long memories. Now new research by scientists in Germany suggests that African elephants never forget the smell of a family member's poop.

A German zoo reunited two mother-and-daughter pairs of elephants that had been separated for up to 12 years. Before bringing the elephants back together, researchers showed each one droppings from other elephants, including a poop sample from their own child or mother. The elephants didn't react to the droppings of animals

unrelated to them. But when they smelled their family member's poop, they showed excitement by flapping their ears, swinging their trunks, and making rumbling noises.

Not all scientists agree that this experiment proves the elephants were remembering their families members by smell. However, when the elephants met again, scientist Franziska Hörner said, "they performed something we call a greeting ceremony," touching each other's faces with their trunks and clicking their tusks together in the elephant version of a hug.

Animal of the Week

Eastern bongo



An eastern bongo, a critically endangered animal in the antelope family, was born at the Potter Park Zoo in Michigan. About 100 eastern bongos remain in the wild. This is the fifth calf born in the zoo's breeding program to help save the species.

- **LIFE SPAN:** About 9 to 12 years
- **HABITAT:** Mountains and forests in Kenya
- **SIZE:** Up to 4.3 feet tall and 10 feet long
- **DIET:** Leaves, fruit, flowers, and minerals
- **FUN FACT:** Both male and female eastern bongos have horns.



Good week / Bad week



West African lions

In Niokolo-Koba National Park in Senegal, a lioness from one of the world's rarest lion species has given birth to three cubs. The healthy cubs have brought renewed hope that West African lions could be saved from extinction.



Joshua trees

After a review of the species, the US government decided not to list the western Joshua tree and the eastern Joshua tree under the Endangered Species Act. Scientists say the trees are threatened by climate change and should be protected.

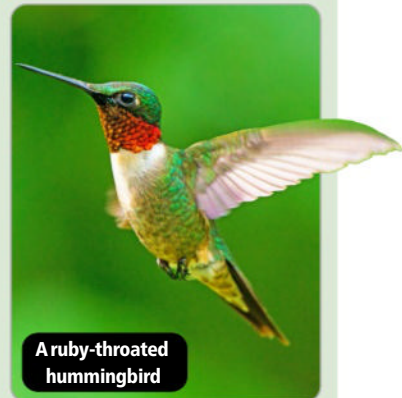


"How many years do hummingbirds live?"

Kate, 9, Maryland

Sara Morgan
Senior keeper,
Oregon Zoo

Hummingbirds typically live between three and five years. There are more than 300 subspecies of hummingbirds, and some live longer or shorter lives. The most common type in the US is the ruby-throated hummingbird, which lives three to five years on average.



A ruby-throated hummingbird

Do you have a question for a zookeeper? Send it to hello@theweekjunior.com. Find out more about the Oregon Zoo at oregonzoo.org.



All about the Amazon rainforest

A tropical wonder of

Efforts are underway to save the largest rainforest on the planet.

The Amazon rainforest, which is about the same size as the continental US, is located in South America. It stretches from the Atlantic Ocean in the east to the Andes Mountains in the west.

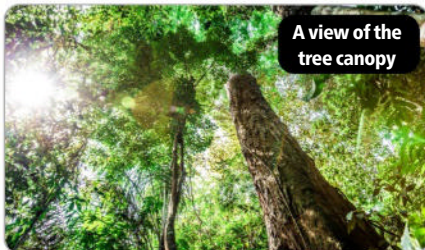
What is a rainforest?

Rainforests are forests that get more than 80 inches of rain each year. They have a tall, broad-leaf tree canopy (a thick layer of branches and leaves at the top of the forest). The Amazon rainforest

stretches across nine countries in South America: Brazil, Colombia, Peru, Ecuador, Bolivia, Venezuela, Guyana, Suriname, and French Guiana. It spans 2.3 million square miles, with 60% in Brazil. The weather is usually about 80° F and steamy, with no distinct seasons. The Amazon River, which flows through the forest, is about 4,000 miles long and carries more water than any river in the world.



The Amazon rainforest



A view of the tree canopy

History of the rainforest

The Amazon rainforest sits on land that was once part of one giant continent. About 66 million years ago, the land that is now South America and Africa split into two continents, which helped form the Atlantic Ocean. When the Andes Mountains in South America formed, the Amazon River began to flow to the Atlantic Ocean. These events led to the creation of the Amazon rainforest that we know today, in its current location and with its large tree canopy. Research suggests that long before European settlers first arrived in the 1500s, the Amazon was already inhabited by millions of people.



One of thousands of rivers in the Amazon rainforest

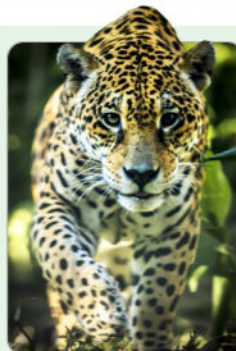
DID YOU KNOW?

The next two largest rainforests on Earth after the Amazon are in the Congo Basin and Indonesia.

Endangered animals of the Amazon

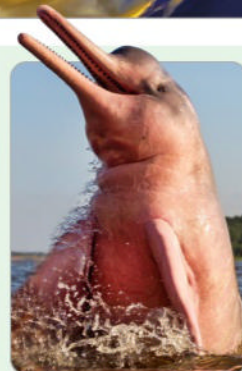
Jaguar

This nimble creature is the biggest cat in the Americas. Habitat loss is posing a threat to the species' survival.

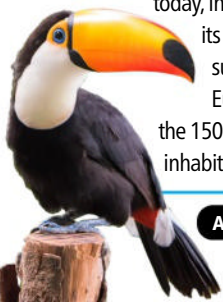


Pink river dolphin

A long snout helps the pink river dolphin, also known as a boto, find food in the mud. The pink color makes males more attractive to females. Both water pollution and new dams are harming its home.



GETTY IMAGES



A toucan



the natural world



FUN FACT

More than half of all insect species in the Amazon rainforest are thought to live high in the trees.



CHANGE OF DIRECTION

The Amazon River once flowed to the west. After the Andes Mountains formed, it started flowing east.



A girl from the Amazon

Who lives in the Amazon?

The Amazon rainforest is home to millions of species of insects, plants, birds, and other animals. In fact, about 10% of all known species on Earth live in the Amazon. There are more than 16,000 tree species and 390 billion individual trees, more than 2.5 million species of insects, and about 370 types of reptiles. The Amazon rainforest is also home to about 47 million people, including 2 million Indigenous people (the first known to have inhabited a place).



Planting trees

Protection and restoration

A healthy Amazon rainforest is vital to keeping the planet healthy and stable. One of the forest's most important functions is absorbing carbon dioxide from the Earth's atmosphere. Carbon dioxide traps heat and contributes to global warming, and the rainforest soaks up about 2 billion tons of carbon dioxide every year. At the same time, however, an estimated 17% of the Amazon has been lost to deforestation (cutting down trees) to make way for farmland and ranching. Brazil's new president, Luiz Inácio Lula da Silva, has promised to end the deforestation. Under a plan to help restore the rainforest, workers aim to plant 73 million trees. To see what steps you can take to help protect the Amazon, visit tinyurl.com/TWJUS-Amazon.

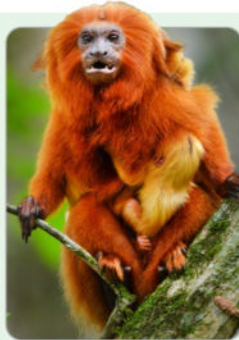
Poison dart frog

The bright colors of this highly poisonous frog act as a warning to any predators.



Golden lion tamarin

This monkey was once near extinction. A conservation program helped reintroduce the species to the wild, and it can now be found in the lowland coastal part of the rainforest in Brazil.



A blue morpho butterfly





DID YOU KNOW?

Experts say kids 6 to 12 years old need 9 to 12 hours of sleep a night, and teens need 8 to 10 hours.



The quality of our sleep is important.

Benefits of a good night's sleep

A good night's sleep helps people feel better, and now scientists have discovered it can help us live longer too. According to a recent study, healthy sleeping habits help men live almost five years longer and women two years longer. Researchers also found that sleep improves our overall health and reduces the risk of heart disease and cancer.

The study was led by Dr. Frank Qian, a physician with Beth Israel Deaconess Medical Center and Harvard Medical School in Massachusetts. Dr. Qian and his team found that what matters is not only how long you sleep but also how well you sleep. The quality of your sleep must be restful.

The researchers stated that good-quality sleep for adults depended on five important factors. First, it's essential to get seven to eight hours of sleep each night. Next, people should not have trouble falling asleep more than twice a week or have trouble staying asleep more than twice a week. Finally, adults should not need to use medicine to get to sleep and should wake up feeling rested at least five days a week.



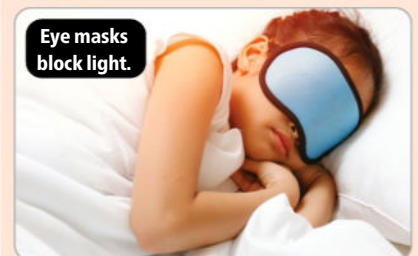
People should wake up feeling rested.

Scientists looked at the results of a survey of 172,321 people in the US who reported on their health habits, including sleep, between 2013 and 2018. Each of the key factors was given one point, with a maximum of five points for the highest-quality sleep. The researchers found that people who scored all five points were likely to live longer and lead healthier lives than those who had sleep difficulties.

Sleep experts have found that a good night's sleep can improve a person's memory and immune system. Dr. Qian admits that no one's sleep is perfect—everyone has a late or restless night sometimes. However, he said, “Even from a young age, if people can develop these good sleep habits of getting enough sleep, making sure they are sleeping without too many distractions, and have good sleep hygiene overall, it can greatly benefit their overall long-term health.”

The team said the study was limited because it relied upon self-reported data from participants. More research is also needed to determine why women and men had different results and how the results might change as people grow older.

How darkness helps rest



Eye masks block light.

Light can disturb people who are trying to sleep and affect the quality of their rest. New research has found that wearing an eye mask might help. A team from the UK, Italy, and the US studied 122 people in experiments with sleeping masks. The volunteers tried sleeping in masks with holes and without holes and then took word and memory tests. They wore headbands that measured their brain activity while they slept.

Those who slept in masks that blocked out all the light did better on the tests than those with masks that let in light. “Our findings suggest the eye mask as a simple, economical, and noninvasive way to get more out of a night of sleep,” the study authors wrote.



Dresses from 17th-century shipwreck on display

A pair of remarkably well-preserved dresses from the 1600s are drawing visitors to the Museum Kaap Skil, on the island of Texel, in the Netherlands. They were taken from a ship that sank nearby, in the North Sea, in 1660. The shipwreck was discovered in 2014.

One dress is made of silk with small pieces of silver woven into the fabric. Experts believe it was a wedding dress. It would have originally been light-colored but turned brown after centuries underwater.

The other dress is also made of silk and is even better preserved. It looks multicolored but was likely one color originally. The dress may have been stained by other garments stored alongside it, and the original substance used to color it could have decayed.

The dresses were taken from a shipwreck known as the Palmwood Wreck. It is unknown who owned the dresses or why they were on the ship. Experts said they would have been expensive, meaning they belonged to a wealthy individual.

The discovery of two such well-preserved textiles is “one of the most unique historical finds ever,” said

Maarten van Bommel, who was the research leader for the exhibition. “There may only be two such dresses in the whole world.”

The dresses are currently on display in special sealed cases without oxygen, which helps keep them preserved. A television documentary about them is planned, along with a podcast and a digital reconstruction of the garments.



A silk dress found in a shipwreck from the 1600s

EARLY FASHION
The world's oldest known woven garment might have been made as far back as 3482 BCE.



Clown makeup can hide facial expressions.

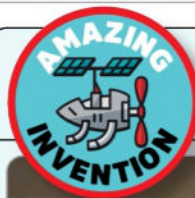
Scientists explore a fear of clowns

A new study by scientists at the University of South Wales, in Australia, explored people's fear of clowns. Nearly 1,000 adults ages 18 to 77 from 64 countries filled out a questionnaire about their feelings about clowns. More than half of them had coulrophobia (a fear of clowns). In fact, more of them were more afraid of clowns than they were of animals, enclosed spaces, or heights.

The study found that the “near-human” makeup that clowns wear,

which hides facial expressions, scares people because they don't know whether the clown is happy or angry. Few participants, however, were afraid of clowns because they'd had an actual scary experience with one.

The scientists said they are investigating whether all makeup that hides facial expressions, including animal face paint, can frighten people, or whether it's just clown makeup that scares them.



A quick-healing electronic bandage



The bandage

Scientists at Northwestern University in Illinois designed an electronic bandage that helps wounds heal up to 30% faster. The battery-free bandage wraps around a wound and provides a low electric current. It wirelessly transmits information about how the injury is healing, which

can then be monitored by medical professionals.

The bandage is made with a naturally occurring metal called molybdenum, in a layer so thin that it is biodegradable (able to break down). Once the wound heals, the bandage is safely absorbed into the body.



Photos of the week



All together

Dancers perform at an art school in China.



Colorful tradition

Hand-painted Easter eggs are displayed at a fair in Poland.



Take a look

A sculpture titled "Big Horse Head" is on exhibit in the UK.



Blooming beauty

Spring flowers brighten the lawn at the White House in Washington, DC.

Photos of the week



Daring design

An arts and sciences complex in Spain features a geometric facade.



Butterfly sky

This photo was taken in Puerto Rico by Nathan, 12, of Massachusetts.



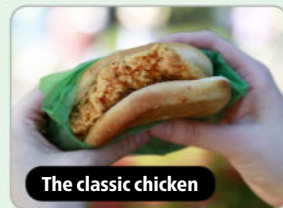
DID YOU KNOW?

Augusta is the second largest city in Georgia, after the capital of Atlanta.



Jon Rahm

Tournament traditions



The classic chicken

In addition to great golf, the Masters is known for its food, especially sandwiches. Some of the traditional items for sale at the tournament are pimento cheese sandwiches, classic chicken sandwiches, egg salad sandwiches, and Georgia peach ice cream sandwiches.

Spain's Jon Rahm wins the Masters

From April 6–9, the Masters tournament was held at Augusta National golf course in Augusta, Georgia. The Masters is one of the four major tournaments each year on the men's Professional Golfers' Association (PGA) tour. Jon Rahm, who is from Spain, was the champion. He earned a \$3.24 million prize, a trophy, and the tournament's signature green jacket. It was the second major title of his career.

Rahm came into the event ranked number three in the world, but the win bumped him to number one. He had a total score of 276 over four rounds. Two Americans, Phil Mickelson and Brooks Koepka, tied for second place, four strokes behind Rahm.



Rahm after winning

This year's Masters was unusual because of the weather. On the second and third day, play was suspended due to rain and wind. On the final day, the golfers had to finish their third rounds before beginning their fourth.

For Rahm, that meant playing 30 holes instead of 18.

When Rahm began the tournament, it was hard to imagine he would win. He had a double bogey (two strokes over the expected score) on his opening hole. At the start of the final round, he was two strokes behind Koepka, who had been the leader at the end of every previous round. That day, Koepka struggled and Rahm slowly climbed the leaderboard. Mickelson

landed in second place by having the best round out of all the golfers competing that day.

Rahm is the fourth Spanish golfer to win the Masters. He dedicated his victory to his idol, the Spanish golf legend Seve Ballesteros, who died in 2011. Ballesteros' birthday was April 9, the last day of the Masters. Rahm is the first European player to have won both the Masters and the US Open, one of the other major golf tournaments. "If there's anything better than accomplishing something like this, it's making history," he said.

Another player who had an unforgettable tournament this year was Sam Bennett, a senior at Texas A&M University. He made his debut as an amateur player and finished tied for 16th. He became the first amateur golfer to finish in the Top 20 at the Masters since 2005.

THIS WEEK'S WINNERS...

HOCKEY

On April 9, the Boston Bruins beat the Philadelphia Flyers, 5–3, to win their 63rd game of the season, setting a new National Hockey League record for the most wins in a season. In men's college hockey on April 8, Quinnipiac University won its first national championship with a 3–2 victory over the University of Minnesota. Seconds into overtime, Jacob Quillan scored the winning sudden-death goal.



USWNT player Lindsey Horan

INTERNATIONAL SOCCER

The US Women's National Team beat the Republic of Ireland, 2–0, in a friendly (exhibition) match on April 8. Emily Fox and Lindsey Horan scored the goals for the US.

MAJOR LEAGUE BASEBALL

As of April 10, the Tampa Bay Rays had won the first 10 games of their season. They are the first MLB team to do that since the Milwaukee Brewers did in 1987. The record for most consecutive wins to start a season is 13.



WOW!

Joel Embiid of the Philadelphia 76ers finished the regular season as the NBA's scoring leader for the second year in a row.



Kevin Knox II of the Portland Trail Blazers, left, and Klay Thompson of the Golden State Warriors

Exciting end to NBA regular season

The National Basketball Association (NBA) regular season ended on April 9. Although the Eastern Conference playoff bracket was already set going into the final weekend, some teams in the Western Conference still needed to secure spots and seeds (rankings) in either the playoffs or a postseason play-in tournament.

The top six teams in each conference automatically advance to the playoffs, which begin April 15. Before that, the four teams with the next best records compete for the final two spots in each bracket. The play-in games began on April 11 and will end on April 14.

A big game on the final day of regular season play ended with the NBA's defending champions, the Golden State Warriors, beating the Portland Trail Blazers, 157–101, to secure the sixth seed in

the West. The Warriors scored 55 points in the first quarter, a new NBA record, with Klay Thompson scoring five three-pointers in the first five minutes.

Another team that had an important win was the Minnesota Timberwolves, who beat the New Orleans Pelicans, 113–108. The victory gave them a better seeding over New Orleans in the play-in tournament, which also includes the Los Angeles Lakers and the Oklahoma City Thunder. In the East, the Miami Heat, Atlanta Hawks, Toronto Raptors, and Chicago Bulls secured play-in spots.

The Milwaukee Bucks finished their regular season with a record of 58–24, the best in the NBA this year. They will be the number one seed in the East and have home court advantage in each series round. The Denver Nuggets, who had a 53–29 record, are the top seed in the West.

SPOTLIGHT ON...



Tiare Jennings

AGE: 20 SPORT: SOFTBALL
TEAM: UNIVERSITY OF OKLAHOMA

Batter up I got my start playing T-ball when I was 4 years old. A few years later, my older cousin, Keilani Jennings, played softball at University of California, Santa Barbara. I knew I wanted to play softball from then on. I've loved it ever since.

Serious studies I know that school comes first—the student comes before the athlete—so I take time to get my schoolwork done so I can focus on every game. I try to get everything done in the classroom before each weekend so I don't have to stress about school.



Dream team My favorite thing about softball is competing with some of my best friends on the field and winning. I love to win. My biggest accomplishment in the sport definitely was winning two national championships.

Staying calm Pressure is a privilege. I take it and try not to make a moment bigger or smaller than what it is. I try to get relaxed and make sure no moment gets to me.

Time off Mentally, once I leave the field, I try not to think about softball or talk about softball. I try to relax and do things I love outside the game. It takes my mind off things.

Looking ahead My next goals are winning a national championship in 2023 and hopefully 2024. I'd also like to play on Team USA in the summer.

Her advice Don't let sports define who you are. Athletes are people, too. And do not take a game for granted—you never know when it will be your last one. So just have fun and be who you are.



COACH OF THE WEEK

Coach's Name: **Amber Campbell**

Rink: **Mid-South Ice House**

"Coach Amber is the best coach I've ever had. She always has encouraging words, helps me when I need it, and allows me to make mistakes without feeling embarrassed. She encourages her students to believe in themselves and try new things, even when they seem scary. At competitions, she doesn't care if we win or lose—it's about having fun and trying your best. She's helped me grow as a skater and a person, and I look up to her." Abby, 9, Tennessee



To nominate a Coach of the Week, send your coach's name, photo, sport, and team to hello@theweekjunior.com. Include your name, age, state, and a few reasons why your coach is great.



Ava Louise Murchison,
left, in *Jane*

CLOSE RELATIVES
Scientific studies show that humans and chimpanzees share 98.8% of the same genes.

Scientist inspires kids' series

Jane is about a girl with a passion for animals and the Earth whose role model is famous conservationist Jane Goodall.

The mission of world-famous scientist and conservationist Dr. Jane Goodall has inspired a new series for kids that is now streaming on Apple TV+. *Jane* follows a fictional 9-year-old, also named Jane, who is concerned about the environment and animals.

Goodall, who was born in the UK in 1934, is known for her groundbreaking work with chimpanzees. Today, she is a global environmental and conservation activist. The series was made with her foundation, the Jane Goodall Institute.



J.J. Johnson

Jane's creator, executive producer, and director is J.J. Johnson. He told *The Week Junior* that he read about Goodall when he was young. "It brought me a great deal of comfort realizing that there were incredible people dedicating their lives to protecting animals—and by extension, the rest of the world," he said.

In *Jane*, Goodall is young Jane's role model. In each episode, she and her best friend David go on imaginary adventures and learn about protecting different animals. Jane "feels powerless about what's going

on in the world," said Johnson, "so she imagines situations and, through them, figures out how she can make real-world changes." Jane has a stuffed toy chimp, Greybeard, that was named after a real one Goodall studied. He comes to life in the kids' imaginations. All the animals on the show were created with computer-generated imagery.

Ava Louise Murchison, age 11, plays Jane. She met Goodall on the set and told *The Week Junior*, "It was incredible." She said she shares Goodall's passion for the environment and hopes other kids who watch *Jane* will feel the same way: "They need to know how important it is to protect this planet and its creatures."

3 facts about Jane Goodall

Early work

Jane Goodall didn't have a college degree when she began her chimp studies. Her boss, Dr. Louis Leakey, hired her because she was patient and loved animals.



Goodall in 1965

Travel companion

A stuffed monkey named Mr. H often accompanies Goodall on her world travels. She received him as a gift more than 30 years ago. Since then, Goodall and Mr. H have visited more than 60 nations together.



With Mr. H



Special sanctuary

The Tchimpounga Chimpanzee Rehabilitation center in the Democratic Republic of Congo is one of the largest sanctuaries of its kind in Africa. It is supported by the Jane Goodall Institute. Since Tchimpounga opened in 1992, it has cared for more than 200 chimpanzees.



WOW!

Shrek 2, which earned more than \$650 million in the US and Canada, was the top-earning kids' movie between 1995 and 2022.



**Black Panther:
Wakanda Forever**

Films with moral lessons make money

Movies for children and teens that depict moral values and strong social-emotional skills make the most money at the box office, a recent report has shown.

The research was conducted by the Center for Scholars and Storytellers at the University of California, Los Angeles (UCLA). The team gathered their information using a database from the organization Common Sense Media. Its website has a guide to films, television, and technology for kids and uses a tagging system to note when a movie features characters or a storyline depicting certain strengths.

Researchers looked for 11 specific character strengths in more than 1,700 films. The movies were all released after 2010. Some films featuring

character strengths such as courage, compassion, or empathy included *Vivo*, *Black Panther: Wakanda Forever*, *The Sea Beast*, and *The Farewell*.

The team then looked at how character traits, ticket sales, and reviews by audiences and critics were related. According to the report, "Movies that prominently featured character strengths tended to make more money on opening weekend both within the United States and internationally compared to movies without character strengths."

The researchers also found that films for kids ages 8 to 12 had more character strengths than ones for teens. They suggested that seeing more character strengths in movies for their age group would help teens with social-emotional development. The researchers added, "Key character strengths — such as



Vivo



READER RECOMMENDS



The Flash (*The CW, Netflix*)

"This series is about forensic scientist Barry Allen. He is struck by lightning and goes into a coma for nine months. When he wakes up, he has the ability to run at super speed, turning him into the hero called The Flash. Soon, he realizes he is not the only one who has been gifted with powers. Villains were turned into meta-humans, and they are attacking Central City. The Flash has to defeat them and protect the city while he solves the mystery of his mother's murder. I like this show because of the action and suspense. It keeps you on the edge of your seat, begging for more episodes." Michael, 12, Ohio

Do you have a film or TV show to recommend to other kids? Send your review to hello@theweekjunior.com.



THIS WEEK'S WATCH LIST



Mighty Morphin Power Rangers: Once & Always

April 19 (Netflix)

In honor of the 30th anniversary of the hit show *Mighty Morphin Power Rangers*, many of its original stars reunited for this film. When an enemy from the past threatens the world, the rangers must be superheroes once again.



The Ghost and Molly McGee (Disney Now) (Disney+)

This animated comedy series centers around a grumpy ghost, Scratch, who is eternally bound to an upbeat girl named Molly McGee. In season two, they deal with new, ghost-hunting neighbors. Plus, Molly navigates the challenges of growing up and Scratch gets a new job.



Changing Planet (PBS) April 19 or (PBS.org)

In this series, Dr. M. Sanjayan, a conservation scientist, visits six areas on the planet that are vulnerable to climate change. He highlights droughts in Kenya, the unstable wilderness in Greenland, and more. He also meets people working to save their communities and wildlife.



DID YOU KNOW?

In 2022, Vermont was named the least polluted state in the US.



Terra Nil

Create healthy land in new game

Terra Nil is a new simulation game with an environmental twist. It is available on Netflix games and for the PC on Steam and other platforms.

While many games challenge players to build cities or colonies, the goal in Terra Nil is to build thriving ecosystems (groups of plants or animals in a certain place that affect each other) in areas that start out as wastelands. A book in the game guides your restoration efforts.

There are three styles of work you can choose from. A gardener has the most relaxed and low-key approach. You could also work as an ecologist (scientist who studies the relationship of living things to their environment) or an environmental engineer, which is the hardest mode.

The first region is in a temperate climate, where the weather is good for growing things. The level starts you off with a

plot of empty, unhealthy land. Once you begin using wind turbines (mechanical devices that use energy from the wind and turn it into electricity), you can clean the soil. That task is a huge part of Terra Nil because nothing grows in toxic soil. Then you can add buildings to help restore water and get the grass growing. Building biomes (environments) brings back animals.

Every level has its own environment, plants, and wildlife. There is a tropical island, a freezing tundra, and a wasteland filled with destructive radiation. Once you've restored each place, your goal is to leave without a trace that you were there.

Terra Nil's developers want the game to have an impact on the real world, so they are donating a portion of their profits from sales on Steam to the Endangered Wildlife Trust. That is a group that works to save animals, preserve habitats, and more.



The planet in Terra Nil



PODCAST OF THE WEEK

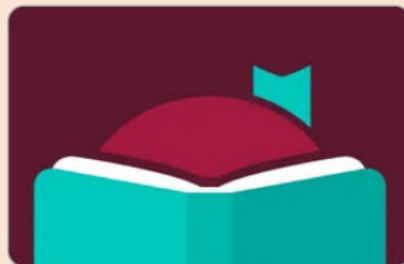
SIX MINUTES: OUT OF TIME

Apple Podcasts, Spotify, Amazon Music

This sequel to the hit series *Six Minutes* follows teen Brynleigh Pasternack on another adventure. When her friend Cyrus is found unconscious near a school that may be connected to her own mother's disappearance, Brynleigh tries to uncover what happened and protect him from danger.



APP OF THE WEEK



LIBBY

Apple App Store, Google Play

If you have a library card, you can use this app to virtually borrow thousands of ebooks, audiobooks, magazines, and other items from your local library. You can see recommendations by local librarians and also create notes, highlight passages, or look up definitions while you read.



VIDEO OF THE WEEK

CYCLE BALL

tinyurl.com/TWJUS-CycleBall

Cycle ball is a team sport that has been around for more than 100 years, but most people probably have not heard of it. The game is similar to soccer, but players ride specially designed bikes as they try to flick a ball into a goal. This video will teach you about the sport and show you how it's played.





BOOK OF THE WEEK

Turtles of the Midnight Moon

By María José Fitzgerald
(Alfred A. Knopf)

When a scar on Barana's back starts to tickle, she knows it's a sign that her favorite sea turtle is going to lay eggs on a beach near her village in Honduras (a country in Central America). Thousands of miles away in New Jersey, Abby jumps at the chance to travel to Honduras with her father, who grew up there. Abby and her dad are guests of Barana's family. The girls don't hit it off at first, but they soon join forces to figure out who is stealing eggs from the nests of the sea turtles. The group that protects the nests has lost funding. Barana and Abby's quest to solve this eco-mystery involves a late-night stakeout at a cemetery, missing evidence, and more. Chapters alternate between the perspectives of Barana and Abby, so you may feel a connection to both of them.



ASK THE AUTHOR

María José Fitzgerald

We spoke to the author of the Book of the Week.

What inspired this book?

I am passionate about environmental issues and conservation, so I wanted to center a story on ecology.

What's a top concern you have?

We need to reduce our dependence on single-use plastics because they harm oceans.

Why write mysteries?

Writing mysteries forces me to think outside the box. My

favorite part is writing the moment before the protagonists "figure it out."

What do you think makes a friendship special?

Being seen and known by another person and doing the same for them is special. All friendships, even the ones that come and go, are unique. You can learn something from all of them.

Favorite outdoor activity?

This is easy: mountain biking!



WIN A BOOK!

We're giving away five copies of *Turtles of the Midnight Moon*.

For a chance to win, send your name and address to contests@theweekjunior.com with *Turtles of the Midnight Moon* in the subject line. Enter by midnight on May 5. See theweekjunior.com/terms for complete rules.

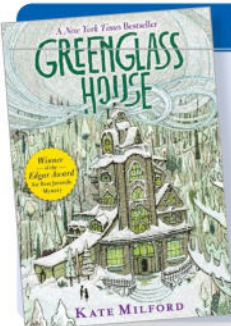


READER RECOMMENDS

Greenglass House By Kate Milford

"In this story, when a bunch of mysterious guests turn up at the Smuggler's Inn, nobody knows what to think. Milo and Meddy are caught in the middle of a mysterious turn of events. Each guest comes bearing strange reasons why they came, a secret connection to the house, and curious tales connected to the truth. This book is a great mystery." Margy, 11, Illinois

Do you have a book to recommend? Send your review to hello@theweekjunior.com.



4 books to read in honor of Earth Day



These nonfiction picks have ideas on how kids can help the environment.



Meltdown

By Anita Sanchez,
illustrated by Lily Padula
(Workman Publishing)

This book shines a light on how the world's glaciers are in danger. It explains the various types of glaciers and the roles they play on Earth. Colorful photos, charts, and fact-filled boxes make this a fascinating book to read. Ages 8–14



Zero Waste Kids

By Rob Greenfield
(Quarry Books)

There are many items that kids can make, build, or grow instead of buying them, and this book includes several ideas. For example, you can find out how to turn old T-shirts into napkins. The last chapter highlights how to make a difference in your community, such as by starting a program to reuse school supplies. Ages 8–12



Old Enough to Make a Difference

By Rebecca Hui,
illustrated by Anneli Bray
(Magic Cat)

The 12 children featured in this picture book are helping to build a more sustainable future. You may be inspired by a girl who is reducing clothing waste and a boy who is growing food. Green energy, single-use plastics, and paper waste are also covered. All ages



This Book Is Not Garbage

By Isabel Thomas,
illustrated by Alex Paterson
(Random House Books for Young Readers)

This book has 50 ideas for how you can reduce trash and plastic waste. For example, it lists household materials you could use to create art projects and gives suggestions for how you can clean up trash in your own neighborhood. Ages 8–12



DID YOU KNOW?
More than a billion people in 192 countries around the world take part in Earth Day each year.

Protect the planet

Celebrate Earth Day by making a difference in your community.

Earth Day, on April 22, is a time to celebrate the natural world and raise awareness of the major challenges our planet faces. This year's Earth Day theme is "Invest in Our Planet," which asks people to spend their time and resources to help fight climate change. Here are some simple ways you can take action and encourage family and friends to do the same.

Attend an event

On Earth Day and in the days leading up to it, people across the world will gather at special events. Options include participating in a march or rally to raise awareness of climate change, attending an arts workshop where you might paint a flowerpot, or taking a nature walk. You can visit earthday.org/earth-day-2023 to view a map of events that may be taking place near you.

Do a cleanup

Check local news sites for an Earth Day cleanup near your home. A cleanup is when people meet to help pick up trash and debris from a specific area, such as a park, beach, or river. Clearing away litter is important because it can pollute rivers and oceans, harm animals that eat it or get caught in it, and leak toxic chemicals into soil. Even if there isn't an official Earth Day cleanup happening nearby, you can still help. You

could head to a local area with your family or a small group of friends with gloves and trash bags and spend a couple of hours picking up litter.

Get planting

One way your family can invest in the planet is by planting a tree. Growing trees helps clean the air by absorbing carbon dioxide and releasing oxygen. You can check with your local public works department to find out if they already have a tree planting program (you may be able to get a tree for free). You can also plant flowers and vegetables in a garden. This is another way to reduce pollution because you can eat the food you grow and reduce your reliance on trucks to ship it to the store.

Advocate for change

Earth Day is a great time to remember to make your voice heard. Think about what you would like to see changed about the way people treat the planet. Then share those thoughts with others. You can write to a local government official and ask them to support rules that limit plastic use, for example. Or contact your parks department about making local cleanups a regular part of the community schedule. You can also talk to your family and friends about what you'll do to help the Earth—which might inspire them, too. Make your commitment with the form on the next page!



Plant a tree seedling.

Everyday eco tips to try at home

These simple habits can help you protect the Earth all year long.

Turn off lights

When you leave a room, shut off the lights. In the evening, try to wait as long as you can to turn them on.



Conserve water

Taking short showers and turning the faucet off while you're

brushing your teeth can save gallons of water a day.

Avoid plastics

Disposable plastic items, like bags, water bottles, and straws, end up in landfills after one use and take years to break down. Instead, carry reusable versions with you.



Save paper

Instead of drawing or writing on a new pad of paper, use the back of

something you've already written on or an envelope or flyer that came in the mail.



Skip the car

To reduce air pollution, walk or bike when you can instead of getting a ride.





How I'll help the Earth

While you're participating in Earth Day, you may feel inspired about ways you and others can help protect the planet. Use this form to help you organize your thoughts and express how you will be more eco-friendly. You can fill it out for yourself or share your ideas with family and friends. To share your thoughts and drawings with us at *The Week Junior*, ask an adult to email your form to hello@theweekjunior.com. Extra forms can be found at [kids.theweekjunior.com/activities](https://www.theweekjunior.com/activities). We may publish some submissions in future issues.

First name _____ Age _____ State _____

In honor of Earth Day, how will you pledge to help the planet?

What is your hope for the Earth five years from now?

Draw a picture of what taking care of the Earth looks like to you.

By submitting this form, you give *The Week Junior* consent to print it in the magazine and online. Please get your parent/guardian's permission before sending anything to us.



Crisscross

Each of these round things fits into this grid. Can you find where each one goes to complete the grid?

5 letters

BAGEL
CLOCK
EARTH
PEARL
PENNY
WHEEL

9 letters

BOTTLECAP
DARTBOARD

10 letters

HOCKEY PUCK
SAND DOLLAR
VOLLEYBALL

6 letters

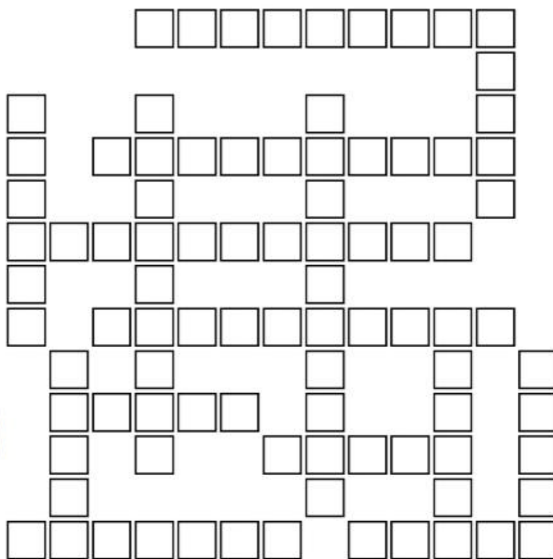
COOKIE
SAUCER

11 letters

CONTACT LENS

7 letters

EYEBALL



Take five

Five 5-letter things associated with phones are hidden in this grid. For each one, the first letter is somewhere in the first column, the second is somewhere in the second column, and so on. Can you find all five?

E	I	X	E	I
G	U	D	I	S
M	E	M	T	O
V	M	S	J	S
T	A	O	E	C

SUDOKU

To complete the grid, place the numbers from 1 to 6 exactly once in each row, column, and 2x3 bold-lined box.

			2		
		1		6	
	6				4
3				5	
	5		3		
		6			

ALL THE SAME

Each answer contains the letters O-L-D. Those letters have been placed for you. Can you figure out the words? (NEED A HINT? Check the bottom of the page.)

1. Girl who liked Baby Bear's things the most

O L D

2. Eye cover used when playing Pin the Tail on the Donkey

O L D

3. Army member

O L D

4. Traitor Benedict from American history

O L D

5. Alternative to an oven mitt to protect your hands

O L D

ANSWERS
CAN BE
FOUND ON
PAGE 29.

Spot the difference

These two pictures of tree planting for Earth Day appear to be the same, but take a closer look. There are actually five differences. Can you see them?





Norbert on wheels

The great skateboarding pig

A pig named Norbert from Illinois has attracted attention for his ability to shake hands, do spins, and act in music videos filmed by his owners, Alicen and Vincent Baran. Now Norbert can add another surprising skill to his résumé: skateboarding. Vincent, who is a skater himself, said that within a week of putting a skateboard in front of Norbert, the remarkable pig had learned to ride it by placing his front hooves on the board and pushing with his back hooves. "It's just the craziest thing to see him roll on by," Alicen said.



The "Queen of Knitting" and her creation

A famous palace made of yarn

A great-great-grandmother known as the "Queen of Knitting" has created a giant yarn sculpture of Buckingham Palace, the official home of the UK's king or queen in London, England. It took Margaret Seaman, age 93, eight months to knit the replica, which is eight feet wide and five feet tall and includes tiny palace guards, standing watch in official uniforms, and tourists visiting the landmark. The replica is now on display at the Norfolk Makers Festival in Norwich, England. "It still amazes me that people are so interested in my knitting," Seaman said. "I just love a big challenge."



Philippe Petit's balancing act

Daredevil walks the wire again

In 1974, Philippe Petit made headlines around the globe when he walked a tightrope between the Twin Towers of the World Trade Center in New York City. Today, at age 73, Petit is still amazing audiences. At a performance in March, the fearless high-wire artist walked a 100-foot-long tightrope across the great hall of the National Building Museum in Washington, DC, pausing in the middle to toss glitter into the air. His body may have aged, but Petit said, "My mind is becoming younger every day, and my passion is not fading."

Real or fake?



Is this a new age of cinema?

New stars chosen for classic movies

Residents at two senior care homes in Bristol, England, have been asked to star in remakes of classic films. The movies include a James Bond film, *Bohemian Rhapsody*, and *The Sound of Music*. The director in charge of the project said he wanted to explore how these world-famous movies would work with actors who do not look like typical Hollywood stars. Jean Down, age 92, will play Fräulein Maria in *The Sound of Music*, and Roger Hynam, age 76, won the part of the dashing James Bond. Is this story real? Or is it lies, camera, action?*

*Fake! Residents aren't remaking the films, but they did dress up and pose like film stars to re-create famous movie posters. A project spokesperson said they showed that "everyone has their creative flair and talents, even in their older years."



Your turn

Editor's note

EARTH DAY
2023

One of my favorite things to do as part of my job is work on the front cover



with our creative director, Dean. It isn't easy to come up with new ideas and make the cover look brilliant every week, but somehow Dean does it. When I told him how much I love this week's cover, he responded that he thinks it's his favorite cover so far this year. We hope you like it too! And how great that we are highlighting a natural resource as important as the Amazon rainforest in our Earth Day issue (p12). In addition to this story, the issue includes other articles related to Earth Day, from our Arts story about a new TV series inspired by famous scientist Jane Goodall (p20) to our list of environment-themed books (p23) to the pledge you can make to help the planet (p25). We hope you'll celebrate the day along with us and the rest of the world.

Andrea Barbalich
Editor-in-Chief

Making keychains to help Ukraine

“The *Week Junior* includes many amazing art project ideas, and they inspired me to make something to support a cause. I decided to help people affected by the war in Ukraine. After I saw my sister, Diya, drawing something that shrinks when placed into the oven, I realized I could draw a picture on those papers, cut them, and shrink them to make keychains. I draw artwork that kids of all ages would like. My goal is to collect \$250. I am planning to sell my keychains at a children's business fair, and I will give half of my profits to Ukraine. I believe even a little help can go a very long way.”



Vedha, 10, California

Have you done something interesting or raised money for a cause you care about? Whatever you're up to, we want to hear about it at hello@theweekjunior.com.

RIDDLE OF THE WEEK

What animal can climb a tree without using hands or feet?

A snake

CHARITY OF THE WEEK



Earthjustice

Founded in 1971, this organization provides free legal services to support environmental causes, including by advocating for endangered species and natural habitats that are under threat. The group works in the US, as well as in Indonesia, South Africa, and Australia. It has worked on more than 500 cases to secure clean air, water, and energy. Find out more at earthjustice.org.



EARTHJUSTICE
BECAUSE THE EARTH NEEDS A GOOD LAWYER



Tell us about your school!

Ariana, who is 11 years old and in fifth grade, told us that an exciting activity at her school is the Color Run, in which students and families participate. She is also proud that her school takes action to donate money to food banks and to help build playgrounds. If you want to share what's great about your school, go to kids.theweekjunior.com/activities to print out a form. Fill it out, then have an adult email it to us at hello@theweekjunior.com. We'll feature some of the submissions on this page in future issues.

What's great about your school?

Name: Ariana Age: 11 Grade: 5th

What's a fun event or activity at your school? What makes it special?
A fun activity that happens annually is the Color Run. The Color Run is an exciting event where students and their families participate in events!

What do you think makes your school stand out?
My school stands out because we love donating money to food banks and for playgrounds. We have gained 2 playgrounds in 6 years!

Draw a picture of one of your favorite school memories from this year.
(My class after donating 500+ dollars to a food bank)



THE WEEK
Junior

IT'S YOUR TURN

Email your news, views, and photos to hello@theweekjunior.com.

Your turn



YOUR PHOTOS

We'd love to see pictures you've taken or pictures of you in them! Have an adult email them to us at hello@theweekjunior.com, along with anything you would like us to know about what you're doing in the photo.

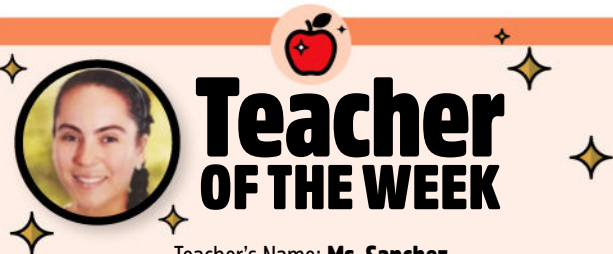


"We read about the portrait of Abraham Lincoln at the National Portrait Gallery in *The Week Junior*. We went to Washington, DC, for a family vacation and decided to see it in person. It's huge!" **Loie, 10, and, Suki, 8, Wisconsin**

"I love getting *The Week Junior*, and I have collected every issue for the past two years! My favorite parts are the Big Debate and Book Club. My cousins and I look forward to every issue!"
Ryan, 12, Florida



"We loved making the lollipops out of Jolly Rancher candies!"
Billy, 11, and, Lucy, 9, Kansas



Teacher's Name: **Ms. Sanchez**

School: **Solomon Schechter Day School of Bergen County**

"Ms. Sanchez is my science teacher. In her class, we learn so much and she keeps us engaged. At the beginning of the year, we did a unit on the different branches of science, such as zoology and chemistry. Recently, we made DNA models using straws and pipe cleaners. I never knew science could be so fun and interesting. Ms. Sanchez has made me consider a career in science."

Lev, 11, New Jersey

Nominate your teacher for Teacher of the Week!

Send your reason for the nomination, a photo of your teacher, and your school's name and address to hello@theweekjunior.com.



Puzzle answers (from page 26)

BOTTLECAP
S D V A
A S A N D D O L L A R L
U R A T L E S
E C O N T A C T L E N S
R H O C K E Y P U C K
P A B O A
E A R T H A O A
N D C L O C K G
N L I E
E Y E B A L L W H E E L

6	4	3	2	1	5
5	2	1	4	6	3
2	6	5	1	3	4
3	1	4	6	5	2
1	5	2	3	4	6
4	3	6	5	2	1

Take five

emoji
games
music
video
texts

All the same

1. Goldilocks
2. blindfold
3. soldier
4. Arnold
5. potholder



Quiz answers (from page 30)

1 Greybeard **2** True **3** c) Berlin, Germany **4** Metropolitan Museum of Art **5** b) Whales **6** Hawaii
7 a) Nike **8** False. They make more money. **9** b) The Netherlands **10** True **11** b) Ecosystems
12 Carbon dioxide **13** a) US Open **14** Mountain biking **15** c) Buckingham Palace

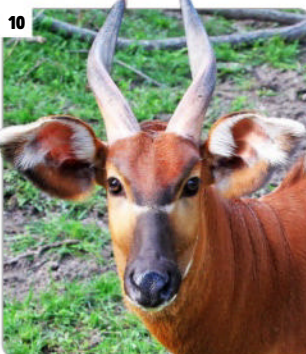
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Quiz of the week

How much of this week's news can you remember?

1 In the TV series *Jane*, what is the name of the main character's stuffed chimp?



2 True or false? A survey found that more people are afraid of downs than of heights.

True ☐ False ☐

3 Which city was recently named the best in the world for public transit?

a) Tokyo, Japan b) Prague, Czech Republic

c) Berlin, Germany

a ☐ b ☐ c ☐

4 Valuable artifacts were returned to Greece and Turkey by what US museum?

5 The feeding habits of which animal may have inspired ancient myths about sea monsters?

a) Dolphins b) Whales c) Manatees

a ☐ b ☐ c ☐

6 In what US state can people expect to live the greatest number of years?

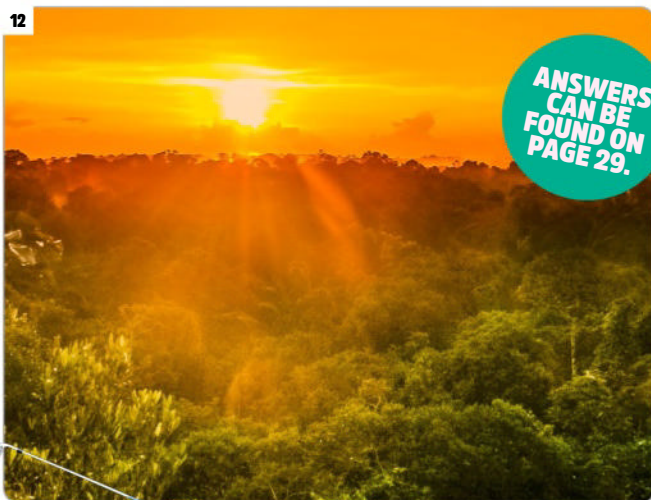
7 New York Liberty star Sabrina Ionescu is releasing a shoe with what company?

a) Nike b) Adidas c) Under Armour

a ☐ b ☐ c ☐

8 True or false? Movies that show moral values and strong character traits make less money at the box office.

True ☐ False ☐



9 Dresses from the 17th century were found in a shipwreck off the coast of what country?

a) Denmark b) The Netherlands

c) Sweden

a ☐ b ☐ c ☐

10 True or false? Both male and female eastern bongos have horns.

True ☐ False ☐

11 The video game *Terra Nil* challenges players to build what?

a) Cities b) Ecosystems c) Automobiles

a ☐ b ☐ c ☐

12 The Amazon rainforest helps absorb what from the atmosphere?

13 Jon Rahm is the first European golfer to win the Masters and what other major tournament?

a) US Open b) PGA Championship

c) British Open

a ☐ b ☐ c ☐

14 What outdoor activity does the author of *Turtles of the Midnight Moon* enjoy most?

15 A 93-year-old knitter has created a yarn sculpture of which UK landmark?

a) Kensington Palace b) Big Ben

c) Buckingham Palace

a ☐ b ☐ c ☐

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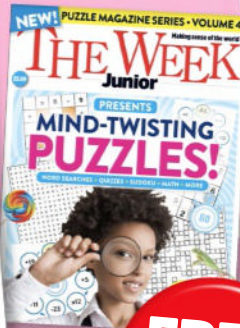
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